

Clean Version of Claims Amended Herein.

Murb 1. (Once Amended) A wavelength stabilized laser module comprising:
a semiconductor laser;
a temperature calibrating unit to calibrate a temperature of said semiconductor laser;
a converting unit to convert light emitted from said semiconductor laser to a single beam of parallel luminous flux;
a first photoelectric converting unit to receive a first part of said beam and to convert it to an electric signal;
a filter to receive a second part of said beam and to continuously change its transmittance depending on wavelengths of said beam;
a second photoelectric converting unit to receive light transmitted through said filter and to convert it to an electric signal; and
wherein a control signal, to be used for stabilization, obtained by computations of said electric signals fed from said first photoelectric converting unit and said second photoelectric converting unit, is fed back to said semiconductor laser and/or said temperature calibrating unit so that said semiconductor laser is able to stably emit laser light having a reference wavelength to be used as a target for stabilization of wavelengths.

Murb 3. (Once Amended) The wavelength stabilized laser module according to claim 1, wherein said converting unit to convert light emitted from said semiconductor laser to said single beam is a lens.

Murb 4. (Once Amended) The wavelength stabilized laser module according to claim 1, wherein a degree of parallelization of said single beam is within $\pm 2^\circ$.

19. (Once Amended) The wavelength stabilized laser module according to claim 1, further comprising an optical fiber used as a device through which laser light is output and a single case housing, at least, said semiconductor laser, said temperature calibrating unit, said converting unit for said light conversion to said single beam, said filter and said first photoelectric converting unit and said second photoelectric converting unit.